

76. (New) A method of differentiating between vaccine-induced immunity and natural HAV immunity, the method comprising:

(a) contacting one or more isolated, nonstructural, immunogenic HAV peptides with antibodies from mammalian serum, the nonstructural immunogenic peptides comprising an amino acid sequence selected from the group consisting of SEQ ID NOS: 39-72 and conservative variations thereof; and

(b) detecting the formation of complexes between the immunogenic peptide and the antibodies, wherein the presence of peptide-antibody complexes indicates natural HAV immunity.

77. (New) The method of Claim 76, wherein the immunogenic peptide has the amino acid sequence of SEQ ID NO: 47 and conservative variations thereof.

REMARKS

Upon entry of the foregoing amendments, there will be 10 claims pending.

Applicant believes that the claims are in condition for allowance, and a Notice of Allowance is therefore respectfully solicited. If the Examiner believes any informalities remain in the application that may be corrected by Examiner's Amendment, or there are any other issues that can be resolved by telephone interview, a telephone call to the undersigned attorney at (404) 818-3700 is respectfully solicited.

Respectfully submitted,

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